



## King Cobra Top Mount Roofbolter

### OVERVIEW

The King Cobra Top Mount Roofbolter leads the way with a more advanced design and superior balance.

This machine offers increased torque and thrust compared to traditional King Cobra Drills. The cone and cup bearing in the top end of the gear box allows greater tolerance to end loads when bolting and minimizes maintenance on gear box components.

Recorded noise levels for the Top Mount Roofbolter are 84 dBA at the coal face. The design of the silencer/muffler ensures that misting oil at discharge/retraction of the unit is kept to a minimum and away from the operator.

Each Top Mount Roofbolter is equipped with a twin dump valve system which speeds up your bolting cycle with quick retraction with minimal operator effort. The twin dump valves allow the unit to exhaust at twice the normal rate.

The King Cobra Top Mount Roofbolter is available with the wet/dry or Dust Collection System drilling heads.



# King Cobra Top Mount Roofbolter

## AVAILABLE MODELS

### 1020 MAXI Series

Collapsed Height: 1000mm (39")

Extended Height: 2000mm (79")

### 1124 MAXI Series

Collapsed Height: 1100mm (43")

Extended Height: 2400mm (95")

### 1228 MAXI Series

Collapsed Height: 1164mm (46")

Extended Height: 2749mm (108")

### 1332 MAXI Series

Collapsed Height: 1264mm (50")

Extended Height: 3144mm (124")

### 1436 MAXI Series

Collapsed Height: 1400mm (56")

Extended Height: 3600mm (142")

### 1540 MAXI Series

Collapsed Height: 1500mm (60")

Extended Height: 4000mm (158")

### 1745 MAXI Series

Collapsed Height: 1700mm (67")

Extended Height: 4500mm (177")

	High Speed 14-39 Ratio	High Speed 14-39 Ratio
Operating Pressure (psi):	100	100
RPM:	900	700
Air Consumption (cfm):	100-120	100-120
Stall Torque (lbf):	149	200
Torque through clutch (lb):	250	250

	Max Cylinder Thrust
1st Stage (lbf):	2500
2nd Stage (lbf):	2000
3rd Stage (lbf):	1500

*MPI Recommends using WBM/MPI Rockdrill Oil for all Applications of the King Cobra Top Mount Roofbolter.*

## Dust Suppression: Wet Head vs Dust Collection Head



### Wet Head Roofbolters

"Wet Head" roofbolters may be used to drill the roof, either wet or dry. The roofbolter has an operator-controlled water valve. Grooved auger water steels or hex steels may be used to drill wet. Auger steels may be used to drill dry.



### Dust Collection Head Roofbolters

Dust Collection Heads are designed to attach to the MPI Dust Collection System. This System is a pneumatic vacuum that sits in-line with the roofbolter, collecting the rock fines from the hole being drilled. Hex steels are recommended when using the Dust Collection Head.



[mpiworldwide.com](http://mpiworldwide.com)

East Office  
25 Allegheny Square, Glassport, PA 15045  
Tel: 412-664-7788 Fax: 412-664-7717

West Office  
1114 Sixteen Road, Fruita, CO 81521-2029  
Tel: 970-858-0600 Fax: 970-858-0696